

	ka(1/Ms)	kd(1/s)	KA(1/M)	KD(M)
G1	N.D.			
G2	65.8	7.23E-07	9.1E+0.7	1.10E-08
G3	114	1.2E-06	9.58E+0.7	1.04E-08
G4	75.8	4.83E-07	1.57E+08	6.37E-09
G5	3.56E+04	1.09E-06	3.28E+10	3.05E-11
G6	153	2.25E-06	6.78+07	1.48E-08
G7	190	9.66E-07	1.97E+08	5.07E-0.9
G3.5	N.D.			
G4.5	N.D.			
G5.5	N.D.			
G7.5	N.D.			

Table S2. Kinetic parameters for the binding between cationic polyamidoamine dendrimer nanoparticles and ACE2. Binding of cationic polyamidoamine dendrimer nanoparticles, including the cationic polymers G1, G2, G3, G4, G5, G6, and G7 and the anionic polymers G3.5, G4.5, G5.5, and G7.5, to recombinant ACE2 was assessed using SPR. The detailed data for the ka (dynamic binding constant), kd (dynamic dissociation constant), KA (equilibrium binding constant) and KD (equilibrium dissociation constant) are indicated. N.D. indicates that no SPR signal was detected.